

A satellite image of the Everglades, showing a vast, flat landscape with a mix of green and brown colors, indicating different types of vegetation and water levels. The image is positioned on the left side of the slide.

2008 Report on Status of the Everglades Protection Area Long-Term Plan for Achieving Water Quality Goals

Governing Board Meeting
July 9, 2008

Tracey Piccone, P.E., STA Management Division

A close-up image of a water droplet hitting a surface, creating a splash with a small crown-like shape at the top and concentric ripples spreading outwards. The image is positioned on the right side of the slide.



What is the Long-Term Plan?

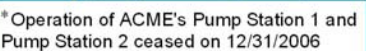
- **State's blueprint for achieving 10 parts per billion (ppb) phosphorus in Everglades**
- **Identified in the 2003 EFA and the Everglades phosphorus rule as Best Available Phosphorus Reduction Technology**
- **Success is predicated upon adaptive implementation**
- **Revision process includes public involvement component**
 - **Long-Term Plan, WRAC and Governing Board meetings**
- **Only Florida Department of Environmental Protection (FDEP) can approve Long-Term Plan revisions**



What is the Long-Term Plan?

- **Includes Stormwater Treatment Area (STA) enhancements, monitoring, research, source controls, and accelerated recovery projects**
- **Current cost of Long-Term Plan is over \$1 Billion**
- **Addresses discharges to the Everglades Protection Area from:**
 - **Seven Everglades Construction Project (ECP) Basins**
 - **Six Non-ECP Basins**

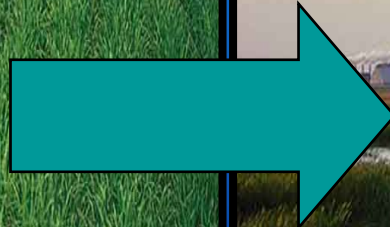
- STA-1E
- STA-1W
- STA-2
- STA-3/4
- STA-5
- STA-6
- Acme Basin B
- North Springs Improvement District Basin
- North New River Canal Basin
- C-11W Basin
- Feeder Canal Basin
- L-28 Basin



Stormwater Treatment Areas

Agricultural Land

Constructed Wetland



Phosphorus Reduction



What is the 2008 Report?

- First 5-year update on status of implementation of the 2003 Long-Term Plan
- Separate from South Florida Environmental Report (SFER)
- Due to Governor and Legislature no later than December 31, 2008
- Simple description:
“What we’ve done so far, what worked, what didn’t work, and where do we go from here...”



2008 Report Summary

- **Updated Tributary Basin Data**
 - STA Inflows and Outflows
 - Non-ECP Basin discharges
- **Evaluation of analytical tools**
 - Water quality and hydraulic models
- **Summary of performance of projects completed and underway**
- **Evaluation of Hydropattern Restoration projects**
 - Environmental benefits, impacts, permitability, cost, and schedule
 - Potential recommended plan for Hydropattern Restoration projects



2008 Report Schedule

- **Draft Report due August 11, 2008**
- **Final Report due September 30, 2008**
- **WRAC Update in September**
- **Governing Board update September Workshop**
- **December Governing Board**
 - **Resolution directing staff to submit 2008 Report to Governor, Legislature and FDEP**